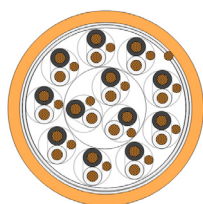
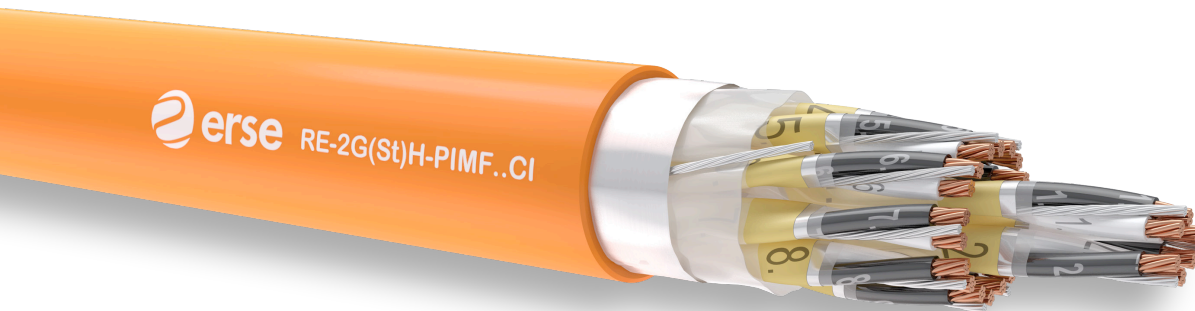


RE-2G(St)H-PIMF..CI

CU/SI/PSCR/OSCR/LSZH..CI



VERY GOOD EMC* CHARACTERISTICS / FIRE RESISTANT CHARACTERISTICS /
FLAME RETARDANT AND HYDROCARBON RESISTANT / SMALL BENDING RADIUS /
LOW SMOKE EMISSION / WITHOUT POISONED AND CORROSIVE GASSES



CONSTRUCTION

- 1 - Conductor** IEC 60228 / DIN VDE 0295 / EN 60228
- 2 - Insulation** EN 50363-1 EI2 SILICONE
- 3 - Colour Code** BS 5308-1 OR BLACK-WHITE
EACH PAIR NUMBERED
- 4 - Individual screen** PES TAPE; TINNED DRAIN WIRE; AL-PES TAPE
- 5 - Stranding** PAIRWISE, SCREENED PAIRS IN LAYERS
- 6 - Wrapping** PES TAPE
- 7 - Overall Screen** TINNED COPPER DRAIN WIRE; AL-PES TAPE
- 8 - Sheath** EN 50290-2-27 LSZH COMPOUND
- 9 - Sheath Colour** RAL 5015* BLUE; RAL 9005* BLACK;
RAL 2003* ORANGE OR
RAL 3000* RED

APPLICATION

-Indoor environments intensely populated by people where there is electromagnetic interference.

1. Instrumentation and control engineering analog and digital signal transmission
2. Petroleum refineries
3. Petrochemistry industry
4. Power plants
5. Natural gas pump stations
6. Dry-moist and wet places, at indoor
7. Gas Stations
8. Water Conveyance Systems
9. In applications where maintenance of circuit integrity in case of fire is required

NOTES

EMC*: Electromagnetic compatibility

CI*: Fire Resistant

Ral 5015 blue sheath*: At ex-proof connections in explosive and in flammable environments, intrinsically safe

Ral 9005 black sheath*: Places where UV resistance is required

Ral 2003 orange sheath*: Inside of buildings

TECHNICAL CHARACTERISTICS

CONDUCTOR	INSULATION	MUTUAL	TEMPERATURE	FLAME
RESISTANCE	RESISTANCE	CAPACITY	RANGE	PROPAGATION
CLASS2(MAX)	(MIN)	(MAX)		
mm ² Ω/km	MΩxKm	mm ² pF/m		
0,50 36		0,50 150		IEC 60332-3-24
0,75 24,5		0,75 150	- 30°C-+90°C	VDE0482-332-3-24
1,0 18,1	300	1,0 150	(FIXED LAYING)	EN 60332-3-24
1,3 13,9		1,3 150		BS EN 60332-3-24
1,5 12,1		1,5 150		

L/R(RATIO)	CURRENT	OPERATING	TEST	BENDING
(MAX)	LOAD(25°C)	VOLTAGE	VOLTAGE	RADIUS
mm ² μH/Ω	mm ² A			
0,50 25	0,50 6,0		Cr./Cr.=2000 V	
0,75 25	0,75 13	300/500 V.	Cr./Scrn.=2000 V	7,5 X Cable Ø
1,0 25	1,0 16			
1,3 40	1,3 18			
1,5 40	1,5 20			

SMOKE DENSITY	TEST ON CORROSIVENESS	HALOGEN	FIRE RESISTANT
	OF COMBUSTION GASES	FREE TEST	TEST
IEC 61034-2	IEC 60754-2	IEC 60754-1	IEC 60331-21
VDE 0482-1034-2	VDE 0482-267-2-3	VDE 0482-267-2-1	IEC 60331-23
EN 61034-2	EN 50267-2-3	EN 50267-2-1	
BS EN 61034-2	BS EN 50267-2-3	BS EN 50267-2-1	

DESIGN STANDARDS

PAS 5308-1
EN 50288-7

RE-2G(St)H-PIMF..CI**CU/SI/PSCR/OSCR/LSZH..CI**

CODE NR.	NUMBER OF CORE CROSS SECTION (mm ²)	OVERALL DIAMETER (mm)	COPPER WEIGHT (kg/km)	APPROX. WEIGHT (kg/km)	STANDART LENGTH (mt)
382050020	2 x 2 x 0,50	9,90	32	112	500/1000
382050040	4 x 2 x 0,50	11,70	60	178	500/1000
382050060	6 x 2 x 0,50	14,30	88	273	500/1000
382050080	8 x 2 x 0,50	15,30	115	320	500/1000
382050100	10 x 2 x 0,50	18,30	143	396	500/1000
382050120	12 x 2 x 0,50	19,00	170	446	500/1000
382050160	16 x 2 x 0,50	21,30	225	575	500/1000
382050200	20 x 2 x 0,50	23,70	280	694	500/1000
382050240	24 x 2 x 0,50	26,60	336	839	500/1000
382075020	2 x 2 x 0,75	10,60	42	145	500/1000
382075040	4 x 2 x 0,75	12,60	79	211	500/1000
382075060	6 x 2 x 0,75	15,30	116	319	500/1000
382075080	8 x 2 x 0,75	16,80	154	376	500/1000
382075100	10 x 2 x 0,75	19,80	191	463	500/1000
382075120	12 x 2 x 0,75	20,50	228	539	500/1000
382075160	16 x 2 x 0,75	22,90	302	700	500/1000
382075200	20 x 2 x 0,75	25,70	377	842	500/1000
382075240	24 x 2 x 0,75	28,80	451	1015	500/1000
382001020	2 x 2 x 1	11,60	51	168	500/1000
382001040	4 x 2 x 1	13,40	98	251	500/1000
382001060	6 x 2 x 1	16,50	145	380	500/1000
382001080	8 x 2 x 1	17,90	192	450	500/1000
382001100	10 x 2 x 1	21,20	239	546	500/1000
382001120	12 x 2 x 1	22,10	285	629	500/1000
382001160	16 x 2 x 1	24,80	379	828	500/1000
382001200	20 x 2 x 1	27,70	473	1002	500/1000
382001240	24 x 2 x 1	31,10	566	1193	500/1000
382013020	2 x 2 x 1,3	12,40	63	188	500/1000
382013040	4 x 2 x 1,3	14,60	120	284	500/1000
382013060	6 x 2 x 1,3	17,70	179	434	500/1000
382013080	8 x 2 x 1,3	19,40	237	505	500/1000
382013100	10 x 2 x 1,3	23,00	295	631	500/1000
382013120	12 x 2 x 1,3	23,70	353	727	500/1000
382013160	16 x 2 x 1,3	26,60	467	960	500/1000
382013200	20 x 2 x 1,3	29,70	585	1158	500/1000
382013240	24 x 2 x 1,3	33,50	700	1397	500/1000
382015020	2 x 2 x 1,5	12,70	70	189	500/1000
382015040	4 x 2 x 1,5	15,00	135	314	500/1000
382015060	6 x 2 x 1,5	18,30	200	467	500/1000
382015080	8 x 2 x 1,5	19,90	265	545	500/1000
382015100	10 x 2 x 1,5	23,70	331	685	500/1000
382015120	12 x 2 x 1,5	24,70	396	804	500/1000
382015160	16 x 2 x 1,5	27,60	526	1058	500/1000
382015200	20 x 2 x 1,5	30,90	657	1274	500/1000
382015240	24 x 2 x 1,5	34,60	787	1522	500/1000